


Postage costs

Your task is implementing the program which convert the package weight to postage costs with the rate below



Parcel weight	Cost (THB)
Not exceeding 100 g	18
More than 100 g but not exceeding 250 g	22
More than 250 g but not exceeding 500 g	28
More than 500 g but not exceeding 1000 g	38
More than 1000 g but not exceeding 2000 g	58

**** If the weight exceeds 2000 g, the parcel cannot be sent by this service.**

Input

An integer which is the weight of the parcel (g).

Output

Postage costs from rate above.

Example

Input (from keyboard)	Output (on screen)
50	18
300	28
5000	Reject